

## Product datasheet for SC118612

### NUBP1 (NM\_002484) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NUBP1 (NM_002484) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUBP1
Synonyms:	CIAO5; NBP; NBP1; NBP35
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC118612 sequence for NM_002484 edited (data generated by NextGen Sequencing)

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ATGGAGGAGGTGCCTCACGACTGTCCAGGGCCGACAGCGCCAGCGGGCAGAGGGGCT
TCATGTCAGGGATGCCCCAACCCAGCGGCTGTGCGCTTCTGGAGCGGGGGCCACTCCGGAC
ACGGCTATAGAGGAAATCAAAGAGAAAATGAAGACTGTAAAACACAAAATCTTGGTATTG
TCTGGGAAAGCGGTGTTGGGAAAAGCACATTCAGCGCCACCTTGCCCATGGCCTAGCA
GAGGATGAAAACACACAGATTGCTCTTCTAGACATCGATATATGTGGCCATCGATTCCC
AAGATAATGGGATTGGAAGGAGAGCAGGTTACCAGAGTGGCTCAGGCTGGTCTCCAGTG
TACGTGGAAGACAACCTGGGGGTGATGTCAGTGGGCTTCTGCTCAGCAGTCCTGATGAT
GCTGTTATCTGGAGGGGACCCAAGAAAAACGGCATGATCAAGCAGTTCCTCCGAGATGTG
GACTGGGGAGAGTTCGACTACCTCATTGTGGACACCCACCTGGGACGTCGGATGAACAC
CTCTCGGTCCGTCGGTACCTGGCCACAGCACACATCGATGGAGCAGTGATCATCACCCT
CCCCAGGAGGTGTCACTCCAGGATGTCCGAAAGAAAATCAACTTCTGCCGCAAGGTGAAG
CTGCCCATCATCGGGGTGGTGGAGAACATGAGTGGCTTCATCTGTCTAAGTGCAAGAAA
GAATCTCAGATATTCCCTCCCACAACCGGGGGCGCGGAGCTCATGTGCCAGGACTTGGAG
GTCCCTCTCTCGGCAGAGTGCCCTGGATCCGCTCATAGGTAAGAATTGTGACAAAGGC
CAGTCTTTTTTTCATTGACGCCCCAGATTCCCCAGCCACGTTAGCCTACAGAAGTATAATT
CAGAGAATCCAAGAGTTTTGTAATCTCCATCAGTCAAAGAAGAGAACCTCATCAGTTCC
TGA

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Clone variation with respect to NM\_002484.2



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_002484 unedited</p> <pre> CCCAATAGTATACGACTCACTATAGGGCGGCCGAAATCGGCACGAGGGACGGAATGGA GGAGGTGCCTCACGACTGTCCAGGGGCCGACAGCGCCAGGCGGGCAGAGGGGCTTCATG TCAGGGATGCCCAACCAGCGGCTGTGCGCTTCTGGAGCGGGGGCCACTCCGGACACGGC TATAGAGGAAATCAAAGAGAAAAATGAAGACTGTAAACACAAAATCTTGGTATTGTCTGG GAAAGGCGGTGTTGGGAAAAGCACATTCAGCGCCACCTTGCCCATGGCCTAGCAGAGGA TGAAAACACACAGATTGCTCTTCTAGACATCGATATATGTGGGCCATCGATTCCCAAGAT AATGGGATTGGAAGGAGAGCAGGTTACCAGAGTGGCTCAAGCTGGTCTCCAGTGTACGT GGAAGACAACCTGGGGTGATGTCAGTGGGCTTCTGCTCAGCAGTCTGATGATGCTGT TATCTGGAGGGGACCCAAGAAAAACGGCATGATCAAGCAGTTCCTCCGAGATGTGGACTG GGGAGAGGTGCGACTACCTCATTGTGGACACCCACCTGGGACGTGGATGAACACCTCTC GGTCGTCCGGTACCTGGCCACAGCACACATCGATGGAGCAGTGTATCACCCTCCCA GGAGGTGTCACCTCAGGATGTCCGAAAGAAATCAACTTCTGCCCAAGGTGAAGCTGCC CATCATCGNGTGGTGGAGTACATGAGTGGCTTCTGTCTAAGTGCAGAAAGATCT CAGAATCCCTCCAAACCGGGAGCGCGGAGCTCATGTGCCAGNACTGGNAAGTCCCTAC TCCTCGCAGAGTGCCCTGGATCCGCTCATAGGTAAAGACTGTGACATAGCCAGTCTCTT TTATTGACGCCAGAATTCCCAGCCACGTAGCCTACAGAGTATAATCCG </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_002484 unedited</p> <pre> ACGCGGCACGCATTTCTAAAGTCGAGTTTTTTTTTTTTTTTTTTTGGAGATTTGAGGGGTT TTATTCTTAAACGGCACATTTGTAGAGAATGCCCTTTATATATGTTCTAAAGAAAAGTG TACAAATACTCAATGATTAAGTGTCTCTGAGAAAGTGGCTTCGGACCACACCAGCATCT GGTCCTTTTGTGTGACCCACCCATCCCGGAGCTGGTCGGGTCTGGCTGGATGTGCTGC CCAGTGAGTGCCTCGCTCGGTAAGTGTGGTCTGAACATTCTCTCGCTTCAGGAACTG ATGAGGTTCTCTTTTACTGATGGAGATTACAAAACCTTTGGATTCTCTGAATTATA CTTCTGTAGGCTAACGTGGCTGGGGAATCTGGGGCGTCAATGAAAAAGACTGGCCTTTG TCACAATCTTACCTATGAGCGGATCCAGGGGCACTCTGCCGAGGAGAGGGACCTCCAAG TCCTGGCAGATGAGTCCGCGCCCCGGTGTGGGAGGGAATATCTGAGATTCTTTCTTG CACTTAGGACAGATGAAGCCACTCATGTTCTCCACCACCCGATGATGGGAGCTTACC TTGCGGCAGAAGTTGATTTCTTTCCGGACATCTGGAGTGACACCTCTGNGGAGTGGTG ATGATCACTGCTCCATCGATGTGTGCTGTGGCCAGTACCGGACGACCCGAGAAGTGTTC TCCGACGTCACAGTGGGGTGTCCACAATGAAGTAGTCGACCTCTCCCCAGTCCACATCT CGGAGGAACTGCTTGATCATGCCGTTTTCTTGGTCCCCTCCAGATACAGCATCATCAGG ACTGCTGTAGCAGAAGCCACTGACTCACCCCAAGTTGNCTTCCAGTCACTGGAGACAGCC TGAGCCTNTGGTGACCTGCTCCTTCCATCCCATATCTGGGAATGAGGCCATTTTCG </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_002484
<b>Insert Size:</b>	1210 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_002484.1</a> , <a href="#">NP_002475.1</a>
<b>RefSeq Size:</b>	1213 bp
<b>RefSeq ORF:</b>	963 bp
<b>Locus ID:</b>	4682
<b>UniProt ID:</b>	<a href="#">P53384</a>
<b>Cytogenetics:</b>	16p13.13
<b>Domains:</b>	ParA, AAA
<b>Gene Summary:</b>	NUBP1 is a member of the NUBP/MRP subfamily of ATP-binding proteins (Nakashima et al., 1999 [PubMed 10486206]).[supplied by OMIM, Mar 2008]